PTO/SB/21 (09-04)
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/811,508
Filing Date	March 26, 2004
First Named Inventor	Xing Cheng
Group Art Unit	1653
Examiner Name	Unassigned
Attorney Docket Number	26-003820US

Total Number of Pages in This Subm	ission	Attorney Docket Numb	er 26-003820US			
	ENCLOS	SURES (check all that a	pply)			
Fee Transmittal Form		nent Papers Application)	After Allowance Communication to Group			
Fee Attached	Drawing	ı(s)	Appeal Communication to Board of Appeals and Interferences			
Amendment / Response	Licensii	ng-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)			
After Final	Petition and Acc	Routing Slip (PTO/SB/69) companying Petition	Proprietary Information			
Affidavits/declaration(s)		to Convert to a mal Application	Status Letter			
Extension of Time Request	Power of Change Address	of Attorney, Revocation of Correspondence	X Additional Enclosure(s) (please identify below):			
Express Abandonment Request		al Disclaimer	PTO form 1449, cited references and receipt acknowledgment postcard			
X Information Disclosure Statement		entity Statement st for Refund	acknowledgment posteria			
Certified Copy of Priority Document(s)	Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with					
Response to Missing Parts/ Incomplete Application	this paper or du	ring the pendency of this ap n of the documents enclose	plication, including any extensions of time			
Response to Missing	Remarks					
Parts under 37 CFR 1.52 or 1.53						
SIGNATU	JRE OF APPL	ICANT, ATTORNEY, O	R AGENT			
Firm or Jonathan Alan Individual name	Firm or Jonathan Alan Quine, Reg. No. 41,261, Quine Intellectual Property Law Group, P.C.					
Signature Smoth Ale Quin						
Date December 9, 2004						
CERTIFICATE OF MAILING						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on						

the date shown helow.

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IVEG	v.	Dillited	HIGHLI

Juliana Hermes

Signature

Date

December 9, 2004



QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By Juliana Hermes

Attorney Docket No. 26-003820US Client Ref. No. NS220US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Xing Cheng, et al.

Application No.: 10/811,508

Filed: March 26, 2004

For: COMPOSITIONS AND METHODS

INVOLVING RESPIRATORY SYNCYTIAL VIRUS SUBGROUP B

STRAIN 9320

Confirmation No.

Examiner: Unassigned

Art Unit: 1653

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR § 1.97 and

§ 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

Xing Cheng, et al.

Application No.: 10/811,508

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representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement, since it is being submitted prior to the first Office Action on the merits per 37 CFR 1.97(b)(3). However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

South Al Quine

Jonathan Alan Quine, J.D., Ph.D., Reg. No. 41,261 For Monicia Elrod-Erickson, Reg. No. 51,651

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

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PTO/SB/08A (04-03)

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RASSIStitute for form 1449A-B/PTO	Co	omplete if Known
	Application Number	10/811,508
INFORMATION DISCLOSURE	Filing Date	March 26, 2004
STATEMENT BY APPLICANT	First Named Inventor	Xing Cheng
	Group Art Unit	1653
	Examiner Name	Unassigned
(use as many sheets as necessary)	Attorney Docket Number	26-003820US
	Date Submitted	December 9, 2004

	U.S. Patent Document			U.S. PATENT DOCUMENTS nent Name of Patentee or Applicant of	Date of Publication of	Pages, Columns, lines,
Examiner Initials	Cite No.	Number Kind Code (if known)		Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appeal
	1	6,225,091		Klein et al	05-01-2001	
	2	6,713,066		Collins et al	03-30-2004	

	T	1	Foreign Patent Docum		N PATENT DOCUMEN' 	Date of Publication	Pages, Columns, Lines,	
Examiner Initials	Cite No.	Office	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
	3	wo	2002/44334		Aviron et al	06-06-2002		
	4	wo	2004/028478		MedImmune Vaccines, Inc. et al.	04/08/2004		
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	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т			
Bermingham and Collins (1999) "The M2-2 protein of human respiratory syncytial virus is a regulatory factor involved in the balance between RNA replication and transcription" Proc. Natl. Acad. Sci. USA 96:11259-11264.						
		Cheng et al. (2001) "Chimeric subgroup A respiratory syncytial virus with the glycoproteins substituted by those of subgroup B and RSV without the M2-2 gene are attenuated in African green monkeys" <u>Virology</u> 283:59-68.				
7 Collins et al. (1995) " Production of infectious human respiratory syncytial virus of cDNA confirms an essential role for the transcription elongation factor from the 5		Collins et al. (1995) "Production of infectious human respiratory syncytial virus from cloned cDNA confirms an essential role for the transcription elongation factor from the 5' proximal open reading frame of the M2 mRNA in gene expression and provides a capability for vaccine development" Proc. Natl. Acad. Sci. 92:11563-11567				

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Examiner		Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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8	Collins et al. (1999) "Support plasmids and support proteins required for recovery of recombinant respiratory syncytial virus" Virology 259:251-255	
9	Hardy & Wertz (2000) "The Cys(3)-His(1) motif of the respiratory syncytial virus M2-1 protein is essential for protein function" J. Virol. 74(13):5880-5.	
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11	Jin et al. (2000) "Respiratory syncytial virus that lacks open reading frame 2 of the M2 gene (M2-2) has altered growth characteristics and is attenuated in rodents" <u>J. Virol.</u> 74:74-82;	
12	Jin et al. (2000) "Recombinant respiratory syncytial viruses with deletions in the NS1, NS2, SH, and M2-2 genes are attenuated in vitro and in vivo" Virology 273:210-218;	
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20	GenBank accession number: M73544	
21	GenBank accession number: S75820	
22	GenBank accession number: D00334	
23	GenBank accession number: D00392	
24	GenBank accession number: D00393	

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25	GenBank accession number: D00394
26	GenBank accession number: D00395
27	GenBank accession number: D00396
28	GenBank accession number: D00397
29	GenBank accession number: D00736
 30	GenBank accession number: D01042
31	GenBank accession number: M17213
32	GenBank accession number: AF013254

Examiner	Date	
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